PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Sadayuki WATANABE, *et al.*

Patent No.: 7,045,225 B2
Issued March 16, 2006

Serial No.: 10/723,182
Filed: 26 November 2003
Title: PERPENDICULAR MAGNETIC RECORDING MEDIUM...
Group Art Unit: 1773
Examiner: H. Rickman
Attorney Docket No.: FUJI:282

Certificate of Mailing

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Office of Patent Publication, Attention: Certificates of Corrections Branch, P.O. Box 1450, Alexandria, VA 22313-1450 on:

DATE: 6-13-06

BY: LeAnn Erce
~~MARC A. ROSSI~~ LeAnn Erce

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REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

Applicants request that a Certificate of Correction be issued to correct an error that appears in the above-referenced patent due to a mistake made on the part of the Office, namely, a typographical error in Claim 1. The element "Ni" was misspelled and shown as "NI." For the convenience of the Office, Applicants enclose a portion of the Amendment, filed on August 29, 2005, indicating the correct spelling of "Ni." Applicants request that a Certificate of Correction be issued to make this correction.

However, in the event that it should be determined that the error is not the fault of the Office, the Commissioner is authorized to charge deposit account 18-2056 any fees associated with the issuance of the Certificate of Correction.

Respectfully submitted,

ROSSI, KIMMS & McDOWELL LLP

6/13/06
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,045,225 B2

APPLICATION NO.: 10/723,182

ISSUE DATE : November 26, 2003

INVENTOR(S) : Sadayuki WATANABE et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

--In Column 7, Line 65, the phrase "at least NI and Fe" should read as "at least Ni and Fe."--

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IN THE CLAIMS

The status of the claims as presently *amended is as follows:*

1. (*Currently Amended*) A perpendicular magnetic recording medium comprising:

a nonmagnetic substrate; and

at least a seed layer, an orientation controlling layer, an antiferromagnetic layer, a soft magnetic layer, a magnetic recording layer, a protective layer, and a liquid lubricant layer formed on the nonmagnetic substrate,

wherein the antiferromagnetic layer is composed of an Mn alloy,

wherein the seed layer is composed of Ta, and

wherein the orientation controlling layer is composed of a material comprising at least Ni and Fe, and at least one element selected from the group consisting of B, Nb, and Si.

2. (*Original*) The perpendicular magnetic recording medium according to claim 1, wherein the seed layer is formed on the substrate, in contact therewith, and the orientation controlling layer is formed on the seed layer in contact therewith.

3. (*Original*) The perpendicular magnetic recording medium according to claim 1, further including an exchange bias field controlling layer composed of an alloy containing at least Fe and Co, formed between the antiferromagnetic layer and the soft magnetic layer.

4. (*Currently Amended*) The perpendicular magnetic recording medium according to claim 1, wherein ~~the antiferromagnetic layer is composed of an Mn alloy, and~~ the soft magnetic layer is composed of an NiFe alloy, a sendust alloy, or an amorphous Co alloy.

5. (*Currently Amended*) The perpendicular magnetic recording medium according to claim 2, wherein ~~the antiferromagnetic layer is composed of an Mn alloy, and~~ the soft magnetic layer is composed of an NiFe alloy, a sendust alloy, or an amorphous Co alloy.

6. (*Currently Amended*) The perpendicular magnetic recording medium according to claim 3, wherein ~~the antiferromagnetic layer is composed of an Mn alloy, and~~ the soft magnetic layer is composed of an NiFe alloy, a sendust alloy, or an amorphous Co alloy.